

To: Marten, Alex[Marten.Alex@epa.gov]; Laity, Jim[EOP email/phone]
From: Linn, Joshua
Sent: Wed 3/11/2015 7:37:09 PM
Subject: RE: NRC Board Comments

Thanks, Alex.

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Wednesday, March 11, 2015 3:02 PM
To: Linn, Joshua; Laity, Jim
Subject: RE: NRC Board Comments

Thanks for sending these along.

From our end Friday afternoon looks good, with a weak preference for before 3:00pm.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua[EOP email/phone]
Sent: Wednesday, March 11, 2015 11:14 AM
To: Laity, Jim; Mancini, Dominic J.; Duke, Rick; Barron, Alex; Fawcett, Allen; Marten, Alex; McGartland, Al; Shouse, Kate; Hodson, Elke (FELLOW)
Subject: NRC Board Comments

Here are the long-awaited comments from the BECS board members—sorry for the delay. I am attaching both the version with track changes and a clean draft. Below, I am also pasting a note from Mary Ellen that provides a bit of context.

Ex 5

Josh

Ex 5

Ex 5

To: Marten, Alex[Marten.Alex@epa.gov]
From: Linn, Joshua
Sent: Fri 2/27/2015 8:35:08 PM
Subject: RE: Draft Response to Comments Document

Excellent. Thank you.

Josh

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Friday, February 27, 2015 3:27 PM
To: Linn, Joshua
Subject: RE: Draft Response to Comments Document

Hi Josh,

Attached please find the updated draft with the reference list filled out. As I was going through this I realized a few corrections were needed elsewhere. They are also fixed in this, but I wanted to explicitly point them out.

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua [mailto:] **EOP email/phone**
Sent: Thursday, February 26, 2015 11:49 AM
To: Marten, Alex
Subject: RE: Draft Response to Comments Document

Several from DOI and a few more scattered comments. **Ex 5**

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Thursday, February 26, 2015 11:48 AM
To: Linn, Joshua
Subject: RE: Draft Response to Comments Document

OK sounds good. Have you received comments from anyone besides Phil and DOE?

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua **EOP email/phone**
Sent: Thursday, February 26, 2015 11:46 AM
To: Marten, Alex
Subject: RE: Draft Response to Comments Document

Hi Alex,

Ex 5

Ex 5

Josh

From: Marten, Alex [<mailto:Marten.Alex@epa.gov>]
Sent: Tuesday, February 24, 2015 6:30 PM
To: Laity, Jim; Linn, Joshua
Cc: Shouse, Kate; Barron, Alex; McGartland, Al
Subject: RE: Draft Response to Comments Document

Hi Jim/Josh,

Ex 5

--

Alex L. Marten

phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim; [EOP email/phone](#)
Sent: Friday, February 06, 2015 8:59 PM
To: Linn, Joshua; Marten, Alex; Sarofim, Marcus; Mignone, Bryan; pduffy@usgcrp.gov; Schwab, Margo; Kopits, Elizabeth; Wolverton, Ann; Newbold, Steve; Li, Jia; Shouse, Kate; Johansson, Robert - OCE; Thomas, Amanda; Griffiths, Charles; Elke.Hodson@hq.doe.gov; Arthur.Rypinski@dot.gov; Mancini, Dominic J.; Duke, Rick; [Bruce D Rodan; EOP email/phone](#) Holdren, John P.; Utech, Dan G.; McConville, Drew; McGartland, Al; Barron, Alex; Gunning, Paul; SHelper@doc.gov; PFeather@oce.usda.gov; William.Hohenstein@usda.gov; james_anderson@ios.doi.gov; aevia@blm.gov; Simon, Bob; Jencks, Fae; jonathan.pershing@hq.doe.gov; Obstfeld, Maurice; Shelanski, Howard; Goldstein, Jeff; Himel, Sam
Subject: Draft Response to Comments Document

Working Group Members:

Ex 5

Josh Linn, CEA, [EOP email/phone](#)

Jim Laity, OMB, [EOP email/phone](#)

To: Marten, Alex[Marten.Alex@epa.gov]
From: Linn, Joshua
Sent: Thur 2/26/2015 4:46:12 PM
Subject: RE: Draft Response to Comments Document

Hi Alex,

Ex 5

Josh

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Tuesday, February 24, 2015 6:30 PM
To: Laity, Jim; Linn, Joshua
Cc: Shouse, Kate; Barron, Alex; McGartland, Al
Subject: RE: Draft Response to Comments Document

Hi Jim/Josh,

Ex 5

Ex 5

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Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim; [EOP email/phone]
Sent: Friday, February 06, 2015 8:59 PM
To: Linn, Joshua; Marten, Alex; Sarofim, Marcus; Mignone, Bryan; pduffy@usgcrp.gov; Schwab, Margo; Kopits, Elizabeth; Wolverton, Ann; Newbold, Steve; Li, Jia; Shouse, Kate; Johansson, Robert - OCE; Thomas, Amanda; Griffiths, Charles; Elke.Hodson@hq.doe.gov; Arthur.Rypinski@dot.gov; Mancini, Dominic J.; Duke, Rick; [Bruce D Rodan](mailto:Bruce.D.Rodan@hq.doe.gov); [EOP email/phone] Holdren, John P.; Utech, Dan G.; McConville, Drew; McGartland, Al; Barron, Alex; Gunning, Paul; SHelper@doc.gov; PFeather@oce.usda.gov; William.Hohenstein@usda.gov; james_anderson@ios.doi.gov; aevia@blm.gov; Simon, Bob; Jencks, Fae; jonathan.pershing@hq.doe.gov; Obstfeld, Maurice; Shelanski, Howard; Goldstein, Jeff; Himel, Sam
Subject: Draft Response to Comments Document

Working Group Members:

Ex 5

Josh Linn, CEA, [EOP email/phone]

Jim Laity, OMB, [EOP email/phone]

To: Marten, Alex[Marten.Alex@epa.gov]
From: Linn, Joshua
Sent: Thur 2/26/2015 4:49:19 PM
Subject: RE: Draft Response to Comments Document

Several from DOI and a few more scattered comments.

Ex 5

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Thursday, February 26, 2015 11:48 AM
To: Linn, Joshua
Subject: RE: Draft Response to Comments Document

OK sounds good. Have you received comments from anyone besides Phil and DOE?

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Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua
Sent: Thursday, February 26, 2015 11:46 AM
To: Marten, Alex
Subject: RE: Draft Response to Comments Document

Hi Alex,

Ex 5

Josh

From: Marten, Alex [<mailto:Marten.Alex@epa.gov>]
Sent: Tuesday, February 24, 2015 6:30 PM
To: Laity, Jim; Linn, Joshua
Cc: Shouse, Kate; Barron, Alex; McGartland, Al
Subject: RE: Draft Response to Comments Document

Hi Jim/Josh,

Ex 5

--

Alex L. Marten
phone: [\(202\) 566-2301](tel:(202)566-2301)
email: marten.alex@epa.gov

From: Laity, Jim [<mailto:> **EOP email/phone**]
Sent: Friday, February 06, 2015 8:59 PM

To: Linn, Joshua; Marten, Alex; Sarofim, Marcus; Mignone, Bryan; pduffy@usgcrp.gov;
Schwab, Margo; Kopits, Elizabeth; Wolverton, Ann; Newbold, Steve; Li, Jia; Shouse, Kate;
Johansson, Robert - OCE; Thomas, Amanda; Griffiths, Charles; Elke.Hodson@hq.doe.gov;
Arthur.Rypinski@dot.gov; Mancini, Dominic J.; Duke, Rick; [Bruce D Rodar](#); [EOP email/phone](#)
Holdren, John P.; Utech, Dan G.; McConville, Drew; McGartland, Al; Barron, Alex; Gunning,
Paul; SHelper@doc.gov; PFeather@oce.usda.gov; William.Hohenstein@usda.gov;
james_anderson@ios.doi.gov; aevia@blm.gov; Simon, Bob; Jencks, Fae;
jonathan.pershing@hq.doe.gov; Obstfeld, Maurice; Shelanski, Howard; Goldstein, Jeff; Himel,
Sam
Subject: Draft Response to Comments Document

Working Group Members:

Ex 5

Josh Linn, CEA, [EOP email/phone](#)

Jim Laity, OMB, [EOP email/phone](#)

To: Marten, Alex[Marten.Alex@epa.gov]
From: Bowen, Jennifer
Sent: Thur 2/19/2015 9:33:09 PM
Subject: FW: Comments due 10 a.m. 2/20 pls- DOT RtC for Expedited EPA Review: "Report to Congress on the Review of Existing Federal and State Regulations for Gas and Hazardous Liquid Gathering Lines per Section 21 of the Pipeline Safety, Regulatory Certainty, and PHMSA gathering lines reg review report to Congress 2.13.docx"

Fyi

From: Kime, Robin
Sent: Wednesday, February 18, 2015 1:28 PM
To: McGartland, Al; Simon, Nathalie; Bowen, Jennifer; Snyder, Brett
Cc: Miles-McLean, Stuart
Subject: Comments due 10 a.m. 2/20 pls- DOT RtC for Expedited EPA Review: "Report to Congress on the Review of Existing Federal and State Regulations for Gas and Hazardous Liquid Gathering Lines per Section 21 of the Pipeline Safety, Regulatory Certainty, and

Hi

For expedited review and comment by 10:00 a.m. Friday, 02/20 (please send comments to me and Stuart). Attached for EO 12866 / 13563 interagency review and comment is a draft Report to Congress rule from DOT's Pipeline and Hazardous Materials Safety Administration (PHMSA) entitled "*Report to Congress on the Review of Existing Federal and State Regulations for Gas and Hazardous Liquid Gathering Lines per Section 21 of the Pipeline Safety, Regulatory Certainty, and Job Creation Act of 2011.*" Thank you.

Summary: Section 21 of the Pipeline Safety, Regulatory Certainty, and Job Creation Act of 2011 requires the Secretary of Transportation to conduct a review of existing Federal and State regulations for gas and hazardous liquid gathering lines located onshore and offshore in the United States, including within the inlets of the Gulf of Mexico. The Secretary must report the results of the review to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Transportation and Infrastructure and the Committee on Energy and Commerce of the House of Representatives. Specifically, the report shall include the Secretary's recommendations with respect to: (A) the sufficiency of existing Federal and State laws and regulations to ensure the safety of gas and hazardous liquid gathering lines; (B) the economic impacts, technical practicability, and challenges of applying existing Federal regulations to gathering lines that are not currently subject to Federal regulation when compared to the public

safety benefits; and (C) subject to a risk-based assessment, the need to modify or revoke existing exemptions from Federal regulation for gas and hazardous liquid gathering lines.

These interagency review documents are deliberative and pre-decisional and may not be shared or discussed with anyone outside of the Executive Branch.

Process Notes

-

- To facilitate preparation of the Agency's response, please insert your comments directly into the attached file(s) using "Track Changes" (i.e., redline/strikeout). If you have general comments/concerns/observations to share with OMB and the lead agency, please insert a new blank page at the beginning of the document and add general comments to that page.

- If review of the action gives rise to substantive/technical comments from multiple offices, it is typical for one office with subject matter expertise to volunteer to coordinate the preparation of the Agency's response. In some cases, if no office volunteers to take the lead, OP may ask the commenting offices to work together to reconcile and compile their comments in order to ensure the commenters' intentions are not misinterpreted or misconstrued. If more time is necessary to accomplish this internal collaborative step, OP may seek additional time from OMB for the Agency to complete its review.

To: Marten, Alex[Marten.Alex@epa.gov]
Cc: McGartland, Al[McGartland.Al@epa.gov]
From: Barron, Alex
Sent: Wed 2/4/2015 5:42:28 PM
Subject: RE: Due 2/10 COB to Alex B. FY2016 Budget Hearing Fact Sheet for SCC

I assume you can get to this before the 10th. Don't expend too much energy reformatting.

Alex

From: Derkasch, Patricia
Sent: Wednesday, February 04, 2015 11:53 AM
To: Marten, Alex; Barron, Alex
Cc: McGartland, Al; Kime, Robin; Teplitzky, Andy; Barron, Alex
Subject: FW: Due 2/10 COB to Alex B. FY2016 Budget Hearing Fact Sheet for SCC

Hi Alex—

I understand that you are working on a fact sheet on SCC for the FY 16 budget hearings. Please use the attached template for the format of your fact sheet. Thank you.

Tricia

From: Teplitzky, Andy
Sent: Thursday, January 29, 2015 4:50 PM
To: Derkasch, Patricia
Subject: FW: Due 2/10 COB to Alex B. FY2016 Budget Hearing Fact Sheet for SCC

Just keeping you in the loop.

Andy Teplitzky

Chief of Operations

Office of Policy (MC: 1804A)

U.S. Environmental Protection Agency

1200 Pennsylvania Ave., NW

Washington, DC 20460

William Jefferson Clinton Federal Building

Room 3509 (hallway entrance)

Room 3513D (bay entrance)

(202) 566-2947 (ph)

teplitzky.andy@epa.gov

From: Kime, Robin

Sent: Thursday, January 29, 2015 4:38 PM

To: McGartland, Al; Marten, Alex

Cc: Barron, Alex; Beauvais, Joel; Kenny, Shannon; Teplitzky, Andy

Subject: Due 2/10 COB to Alex B. FY2016 Budget Hearing Fact Sheet for SCC

Hi

OCIR asked us to draft a SCC fact sheet for the Administrator to use during the FY 16 budget hearing. Would you send your final draft to Alex B with a cc to me by 2/10 COB? We'll submit it to them as requested on 2/11. Thanks so much.

Robin

To: Marten, Alex[Marten.Alex@epa.gov]
From: Morgan, Cynthia
Sent: Thur 2/5/2015 6:43:30 PM
Subject: new file
Bell Referral (DOT) Docs 8_Final_Redacted.pdf

To: Marten, Alex[Marten.Alex@epa.gov]
Cc: Li, Jia[Li.Jia@epa.gov]; Friedman, Kristina[Friedman.Kristina@epa.gov]
From: Shouse, Kate
Sent: Mon 2/2/2015 9:06:33 PM
Subject: FW: EPW Hearing 2/11
[02_02_2015 SCC Overview.docx](#)

Hi, Alex. Janet is going to testify at the Senate EPW hearing next Wednesday so I've been asked to update the SCC cheat sheet. I think you've looked at some of these before; Elizabeth and I usually coordinate on the briefing sheets used to prep EPA officials for hearings. The attached version is one that we've developed with Elizabeth (and presumably your input too) and was last updated in early September. I think Elizabeth generally shares it with Alex Barron so that he's in the loop. I added some redline to update again – will you have to review and comment by tomorrow afternoon? Sorry for the quick turn, didn't get confirmation on the hearing until this afternoon. If you need more time, just let me know.

I have one question about the status of EPA's response to the SCC FOIA. Al and Sarah signed a letter last fall that was meant to accompany the documents going to Sidley Austin. I've seen a draft of the letter but can't find confirmation that it was sent out. Do you know whether it was or would you be able to check Elizabeth's files? I'm going to email Andy, with copy to you, to see if he has confirmation handy.

Thanks!

From: Friedman, Kristina
Sent: Monday, February 02, 2015 3:53 PM
To: Sarofim, Marcus; Birnbaum, Rona; DeAngelo, Ben; Shouse, Kate; Li, Jia; Ohrel, Sara; Cole, Jefferson; Fawcett, Allen; DeFigueiredo, Mark; Karimjee, Anhar; Risley, David; Irving, Bill
Cc: Harvey, Reid; Gunning, Paul; Kocchi, Suzanne; Krieger, Jackie
Subject: EPW Hearing 2/11

Following up on Friday's note, I wanted to let everyone know that the EPW hearing has been confirmed for Wednesday, 2/11. Not sure when it will begin but likely ~9:30am. We would like to prep Janet for all of the 111 rules as well as some additional topic areas. Last week's email requested updated material on climate science, SCC, biomass, methane, and sequestration. It looks like we will also need updated factsheets on CSAPR (including transport memo update) and International Climate (China/Paris). I've attached the latest drafts I had in my files for you to update. If possible, the IO has asked for all updated factsheets by COB tomorrow (If you need

additional time, just let me know when you'll have them completed).

We are also scheduling 5 prep sessions with Janet (see the schedule below). I've listed names next to each session. Please let me know if you suggest any changes ASAP. Also, if there are a few people listed for a topic, please let me know who will actually attend the session in person. The IO will send out updated invites.

Non-Responsive

Thanks for all of your help!

Kristina

Kristina Friedman

Office of Atmospheric Programs

U.S. Environmental Protection Agency

Phone: (202) 343-9281

To: Marten, Alex[Marten.Alex@epa.gov]
From: Shouse, Kate
Sent: Thur 1/29/2015 6:07:20 PM
Subject: RE: intro to rtc
2015 01 27 SCC RTC intro draft ks.docx
SCC_AllPetitions2014.csv

Hi, Alex. Please see attached for some suggestions on the introduction, happy to discuss further.

I'm not whetted to these edits specifically but do think it would be worthwhile to have some kind of statement linking the views of the comments and OMB's conclusion (see comment box for note about breakdown of comments into critical and supportive). FYI, Margo sent me the file with 36k names and the content of the form letter (attached and letter copied below).

On the NAS mtg questions, Allen is checking in with Paul to see if either he or Sarah would want to go, otherwise I'll likely represent OAR. I don't expect an answer today as Allen's

Ex 6 - Other

Ex 6 - Other If we need to sort it out today, let me know and I'll follow up with Paul directly.

Thanks!
Kate

Mass letter campaign:

"I believe in protecting the environment, and I believe in using science to make smart policy decisions. I support EDF for exactly this reason, and I applaud that OMB undertook in 2013 to raise the current estimate of the Social Cost of Carbon to \$37 per ton of carbon pollution. It's clearly only one step toward strong, science-based action on climate, but it is an important step."

From: Marten, Alex
Sent: Thursday, January 29, 2015 9:07 AM
To: Shouse, Kate
Subject: RE: intro to rtc

That's great. Thank you Kate.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Thursday, January 29, 2015 8:36 AM
To: Marten, Alex
Subject: Re: intro to rtc

Ex 5

Kate

From: Marten, Alex
Sent: Wednesday, January 28, 2015 2:31 PM
To: Shouse, Kate
Subject: intro to rtc

I'm struggling a bit w/ the intro section to the RTC that we had a place holder for. I've attached what I have been working with so far. If you have a moment I would be really interested in your thoughts. I welcome either specific edits or general comments like this isn't the right direction try again.

--

Alex L. Marten
phone: (202) 566-2301

email: marten.alex@epa.gov

To: RESECON@LSV.UKY.EDU[RESECON@LSV.UKY.EDU]
From: Land & Resource Economics Network
Sent: Wed 1/21/2015 10:23:08 PM
Subject: Society for Benefit-Cost Analysis Professional Development Workshops - Register Today!

The Society for Benefit-Cost Analysis (SBCA) is pleased to offer a series of six professional development workshops on March 18, 2015, prior to its 2015 Annual Conference and Meeting. The workshops are organized by leading practitioners and scholars, and will take place at the Marvin Center at the George Washington University in Washington, D.C.

Early-bird registration fees end January 31!

Workshop topics are as follows:

- 1) **Benefit-Cost Analysis in the States: Status, Results First, and Options to Increase Usage among Policymakers.** *Organizer: Darcy White, Pew Charitable Trusts*
- 2) **Use of Expert Elicitation to Inform Decision-Making.** *Organizer: Aylin Sertkaya, Eastern Research Group, Incorporated*
- 3) **An Overview of Climate Change, Its Impacts and the Social Cost of Carbon.** *Organizer: Elisabeth Gilmore, University of Maryland*
- 4) **Estimating the Benefits of Improved Air Quality with the Open Source BenMAP-CE Tool.** *Organizer: Neal Fann, U.S. Environmental Protection Agency*
- 5) **QALYs in Cost-Effectiveness and Benefit-Cost Analysis.** *Organizer: Scott Grosse, U.S. Centers for Disease Control and Prevention*
- 6) **Retrospective Benefit-Cost Analysis.** *Organizers: Jennifer Baxter, Industrial Economics, Incorporated and Lisa Robinson, Harvard Center for Risk Analysis*

To register and for more information, please visit: <http://benefitcostanalysis.org/2015-preconference-professional-development-workshops>.

Society for Benefit-Cost Analysis

c/o Evans School of Public Affairs | University of Washington
203 Parrington Hall | Box 353055 | Seattle, WA 98195
sbcainfo@uw.edu | 206.616.4090

From: Shouse, Kate
Importance: Normal
Subject: SCC webinar
Start Date/Time: Tue 3/31/2015 4:00:00 PM
End Date/Time: Tue 3/31/2015 5:30:00 PM

I wanted to let you know (if you don't already) about a DC Bar brownbag on using SCC in to justify regulation. It will be 12-1:30 pm on 3/31 at 1101 K St. NW. I'm planning to go; let me know if you'd like to go together. The details and registration are at:

<http://www.eli.org/events/measuring-social-cost-carbon-promise-and-pitfalls-using-scc-justify-regulation>

To: Marten, Alex[Marten.Alex@epa.gov]
From: Alex Marten
Sent: Wed 6/3/2015 2:46:47 PM
Subject: emails sent with gmail as attachments part 3
[SCC Decomposition.eml](#)
[Fwd: KXL - Additional Language - Climate Chapter.eml](#)
[Fwd: updated: Deliverable 3a - Draft first best model results.eml](#)
[Fwd: update -- Deliverable 2c -- Draft reporting spreadsheet.eml](#)
[Re: Musing on conclusions.eml](#)
[current draft.eml](#)
[Re: revised SCC TSD.eml](#)
[Re: revised SCC TSD.eml](#)
[Re: FW: Draft Blog Post.eml](#)
[Re: More updates: Updating NCEE Reg Review table.eml](#)
[Re: Vitter SCC letter.eml](#)
[Fwd: KXL - Draft Chapter for Review - No-Action Scenarios.eml](#)
[Fwd: Technical Direction on Task 2c.eml](#)
[Fwd: FYI: current draft of slides for tomorrow's meeting.eml](#)
[SCC Database.eml](#)

To: Marten, Alex[Marten.Alex@epa.gov]
From: Alex Marten
Sent: Wed 6/3/2015 2:46:47 PM
Subject: emails sent with gmail as attachments part 3
[SCC Decomposition.eml](#)
[Fwd: KXL - Additional Language - Climate Chapter.eml](#)
[Fwd: updated: Deliverable 3a - Draft first best model results.eml](#)
[Fwd: update -- Deliverable 2c -- Draft reporting spreadsheet.eml](#)
[Re: Musing on conclusions.eml](#)
[current draft.eml](#)
[Re: revised SCC TSD.eml](#)
[Re: revised SCC TSD.eml](#)
[Re: FW: Draft Blog Post.eml](#)
[Re: More updates: Updating NCEE Reg Review table.eml](#)
[Re: Vitter SCC letter.eml](#)
[Fwd: KXL - Draft Chapter for Review - No-Action Scenarios.eml](#)
[Fwd: Technical Direction on Task 2c.eml](#)
[Fwd: FYI: current draft of slides for tomorrow's meeting.eml](#)
[SCC Database.eml](#)

To: Evans, DavidA[Evans.DavidA@epa.gov]
From: Marten, Alex
Sent: Thur 6/4/2015 5:12:48 PM
Subject: RE: biomass accounting resources

I don't think I have a newer version

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Evans, DavidA
Sent: Wednesday, June 03, 2015 6:09 PM
To: Marten, Alex
Subject: FW: biomass accounting resources

Do you have a more recent version of this spreadsheet?

Hope you are feeling better. Tomorrow will be fun fun fun.

From: Nagelhout, Peter
Sent: Wednesday, June 03, 2015 4:46 PM
To: Evans, DavidA
Subject: FW: biomass accounting resources

Sorry meant to send this

From: Klemick, Heather

Sent: Friday, March 13, 2015 5:06 PM
To: Nagelhout, Peter
Subject: RE: biomass accounting resources

Hi Peter,

Non-Responsive

Have a good weekend.

-Heather

From: Klemick, Heather
Sent: Thursday, March 12, 2015 2:31 PM
To: Nagelhout, Peter
Subject: biomass accounting resources

Hi Peter,

Attached are some papers I came across that have been helpful so far. One of them is the

Ex 5

Also attached is the original PNNL article comparing

Non-Responsive

Non-Responsive

Thanks,

Heather

To: McGartland, Al[McGartland.Al@epa.gov]
From: Marten, Alex
Sent: Tue 7/21/2015 1:43:49 PM
Subject: RE: Full Committee Oversight Hearing on "An Analysis of the Obama Administration's Social Cost of Carbon" - House Committee on Natural Resources

Yes. I saw him present at a DC Bar Association event on the SCC, he had some good technical points,

Ex 5

--
Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

-----Original Message-----

From: McGartland, Al
Sent: Tuesday, July 21, 2015 9:34 AM
To: Marten, Alex
Subject: Re: Full Committee Oversight Hearing on "An Analysis of the Obama Administration's Social Cost of Carbon" - House Committee on Natural Resources

Ex 5

Sent from my iPhone

> On Jul 21, 2015, at 9:31 AM, Marten, Alex <Marten.Alex@epa.gov> wrote:

>

Ex 5

>

> --

> Alex L. Marten
> phone: (202) 566-2301
> email: marten.alex@epa.gov

>

> -----Original Message-----

> From: McGartland, Al
> Sent: Tuesday, July 21, 2015 9:28 AM
> To: Marten, Alex
> Subject: Re: Full Committee Oversight Hearing on "An Analysis of the Obama Administration's Social Cost of Carbon" - House Committee on Natural Resources

>

Ex 5

>

> Sent from my iPhone

>

>> On Jul 21, 2015, at 9:12 AM, Marten, Alex <Marten.Alex@epa.gov> wrote:

>>

>> Thanks Brett.

>>

Ex 5

>>

>> --

>> Alex L. Marten
>> phone: (202) 566-2301
>> email: marten.alex@epa.gov

>>
>> -----Original Message-----
>> From: Snyder, Brett
>> Sent: Tuesday, July 21, 2015 9:02 AM
>> To: Marten, Alex; Kopits, Elizabeth; Brett Cease; Griffiths, Charles; Moore, Chris; Wolverton, Ann
>> Cc: Bowen, Jennifer; McGartland, Al
>> Subject: Full Committee Oversight Hearing on "An Analysis of the Obama Administration's Social Cost of Carbon" - House Committee on Natural Resources
>>
>> FYI
>>
>> Speakers at hearing announced
>>
>> <http://naturalresources.house.gov/calendar/eventsingle.aspx?EventID=399064>
>>
>>
>> Brett Snyder
>> USEPA, NCEE
>> Via mobile device

To: Griffiths, Charles[Griffiths.Charles@epa.gov]
Cc: Kopits, Elizabeth[Kopits.Elizabeth@epa.gov]; Newbold, Steve[Newbold.Steve@epa.gov]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Mon 5/18/2015 12:12:55 PM
Subject: RE: Social Cost of Carbon Uncertainty/Reliability

I think so.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Griffiths, Charles
Sent: Monday, May 18, 2015 7:48 AM
To: Marten, Alex
Cc: Kopits, Elizabeth; Newbold, Steve
Subject: RE: Social Cost of Carbon Uncertainty/Reliability

Bah! I forgot they were in a different time zone. Can you guys do Wednesday at 1:30?

From: Marten, Alex
Sent: Friday, May 15, 2015 5:12 PM
To: Griffiths, Charles
Cc: Kopits, Elizabeth
Subject: Re: Social Cost of Carbon Uncertainty/Reliability

Charles, 9:00 EST might be pretty early for them.

--

Alex Marten

marten.alex@epa.gov

From: Griffiths, Charles
Sent: Friday, May 15, 2015 4:48 PM
To: Miller, Chris J -FS; Newbold, Steve; Kopits, Elizabeth; Marten, Alex; Schaefers, Julie -FS;
Sorkin, Jeff A -FS; Mattson, Liane -FS
Subject: RE: Social Cost of Carbon Uncertainty/Reliability

Sorry, Chris. I don't think Tuesday a 1:00 works for everyone here. Was my proposed time at 9:00 not possible? How about Wednesday at 9:00 AM?

-----Original Appointment-----

From: Miller, Chris J -FS [<mailto:chrismiller@fs.fed.us>]
Sent: Friday, May 15, 2015 4:24 PM
To: Griffiths, Charles; Newbold, Steve; Kopits, Elizabeth; Marten, Alex; Schaefers, Julie -FS;
Sorkin, Jeff A -FS; Mattson, Liane -FS
Subject: Social Cost of Carbon Uncertainty/Reliability
When: Tuesday, May 19, 2015 11:00 AM-11:30 AM (UTC-07:00) Mountain Time (US & Canada).
Where: Conference code

Thanks everyone for your willingness to participate in brief conference call to discuss the uncertainty associated with applying social cost of carbon values (2013) in NEPA and rule-making.

Conference code

Not necessary reading but for additional background see attached paper.

Participants:

EPA National Center for Environmental Economics

USFS – Region 2 (Denver CO) staff (economics, minerals, air)

USFS – Washington Office – National Forest Systems staff (economics)

<< File: Newbold et al. 2013.pdf >>

To: Wolverton, Ann[Wolverton.Ann@epa.gov]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Wed 4/15/2015 3:53:42 PM
Subject: RE: rules updates?

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Wolverton, Ann
Sent: Wednesday, April 15, 2015 11:05 AM
To: Marten, Alex
Subject: RE: rules updates?

Thanks – anything worth reporting out on SCC related or methane stuff?

From: Marten, Alex
Sent: Wednesday, April 15, 2015 10:55 AM
To: Wolverton, Ann
Subject: RE: rules updates?

I can give a quick O&G update.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Wolverton, Ann
Sent: Wednesday, April 15, 2015 10:54 AM
To: Moore, Chris; Griffiths, Charles; Klemick, Heather; Marten, Alex
Subject: rules updates?

So far, I have 111d and SNAP on tomorrow's agenda.

Anything to report on any of these rules?



To: Laity, Jim[EOP email/phone]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Mon 4/13/2015 1:29:56 PM
Subject: RE: New RtC question

Hi Jim,

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim[EOP email/phone]
Sent: Friday, April 10, 2015 4:40 PM
To: Marten, Alex
Subject: New RtC question

Ex 5

To: Laity, Jim [EOP email/phone]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Mon 4/13/2015 1:29:56 PM
Subject: RE: New RtC question

Hi Jim,

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim [EOP email/phone]
Sent: Friday, April 10, 2015 4:40 PM
To: Marten, Alex
Subject: New RtC question

Ex 5

Ex 5

This is meant to summarize the key point in the following para in layman's terms (but I am open to a better summary if you would like to suggest one):

The idea underlying this approach is that the plausibility of a given combination of parameter settings can be determined from the agreement of the resulting simulation of historical climate with observations. This is typically evaluated by means of Bayesian methods (see Supplementary Material, Appendix 9.B for methods). Bayesian approaches constrain parameter values by combining prior distributions that account for uncertainty in the knowledge of parameter values with information about the parameters estimated from data (Kennedy and O'Hagan, 2001). The uniform distribution has been used widely as a prior distribution, which enables comparison of constraints obtained from the data in different approaches. ECS ranges encompassed by the uniform prior distribution must be limited due to computer time limiting the size of model ensembles, but generally cover the range considered possible by experts, such as from 0°C to 10°C. Note that uniform prior distributions for ECS, which only require an expert assessment of possible range, generally assign a higher prior belief to high sensitivity than, for example, non-uniform prior distributions that depend

Ex 5

This is meant to summarize the key point in the following para in layman's terms (but I am open to a better summary if you would like to suggest one):

The idea underlying this approach is that the plausibility of a given combination of parameter settings can be determined from the agreement of the resulting simulation of historical climate with observations. This is typically evaluated by means of Bayesian methods (see Supplementary Material, Appendix 9.B for methods). Bayesian approaches constrain parameter values by combining prior distributions that account for uncertainty in the knowledge of parameter values with information about the parameters estimated from data (Kennedy and O'Hagan, 2001). The uniform distribution has been used widely as a prior distribution, which enables comparison of constraints obtained from the data in different approaches. ECS ranges encompassed by the uniform prior distribution must be limited due to computer time limiting the size of model ensembles, but generally cover the range considered possible by experts, such as from 0°C to 10°C. Note that uniform prior distributions for ECS, which only require an expert assessment of possible range, generally assign a higher prior belief to high sensitivity than, for example, non-uniform prior distributions that depend

more heavily on expert assessments (e.g., Forest et al., 2006). In addition, Frame et al. (2005) point out that care must be taken when specifying the uniform prior distribution. For example, a uniform prior distribution for the climate feedback parameter (see Glossary) implies a non-uniform prior distribution for ECS due to the nonlinear relationship between the two parameters.

The following reference would also be added at the end:

Hegerl G, et al. 2007. "Understanding and attributing climate change." in Solomon S, et al. (eds) *Climate Change 2007: the physical science basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, UK: Cambridge University Press. http://www.ipcc.ch/publications_and_data/ar4/wg1/en/contents.html

From: Marten, Alex [<mailto:Marten.Alex@epa.gov>]
Sent: Friday, April 10, 2015 9:41 AM
To: Laity, Jim
Subject: RE: RtC questions

I think that version works well.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim **EOP email/phone**
Sent: Thursday, April 09, 2015 8:31 PM

more heavily on expert assessments (e.g., Forest et al., 2006). In addition, Frame et al. (2005) point out that care must be taken when specifying the uniform prior distribution. For example, a uniform prior distribution for the climate feedback parameter (see Glossary) implies a non-uniform prior distribution for ECS due to the nonlinear relationship between the two parameters.

The following reference would also be added at the end:

Hegerl G, et al. 2007. "Understanding and attributing climate change." in Solomon S, et al. (eds) *Climate Change 2007: the physical science basis. Contribution of Working Group I to the Fourth Assessment Report of the Intergovernmental Panel on Climate Change*. Cambridge, UK: Cambridge University Press. http://www.ipcc.ch/publications_and_data/ar4/wg1/en/contents.html

From: Marten, Alex [<mailto:Marten.Alex@epa.gov>]
Sent: Friday, April 10, 2015 9:41 AM
To: Laity, Jim
Subject: RE: RtC questions

I think that version works well.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim [EOP email/phone]
Sent: Thursday, April 09, 2015 8:31 PM

To: Marten, Alex
Subject: RtC questions

Ex 5

To: Marten, Alex
Subject: RtC questions

Ex 5

To: Laity, Jim [EOP email/phone]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Fri 4/10/2015 1:40:35 PM
Subject: RE: RtC questions

I think that version works well.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Laity, Jim [EOP email/phone]
Sent: Thursday, April 09, 2015 8:31 PM
To: Marten, Alex
Subject: RtC questions

Ex 5

To: McGartland, Al[McGartland.Al@epa.gov]
From: Marten, Alex
Sent: Fri 4/10/2015 12:08:10 PM
Subject: Fw: RtC questions

Al what do you think? T

--

Alex Marten
marten.alex@epa.gov

From: Laity, Jim [EOP email/phone]
Sent: Thursday, April 9, 2015 8:30:50 PM
To: Marten, Alex
Subject: RtC questions

Ex 5

To: McGartland, Al[McGartland.Al@epa.gov]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Tue 4/7/2015 9:05:14 PM
Subject: RE: CO2-CH4 Question

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: McGartland, Al
Sent: Tuesday, April 07, 2015 5:01 PM
To: Marten, Alex
Subject: RE: CO2-CH4 Question

Ex 5

From: Marten, Alex
Sent: Tuesday, April 07, 2015 4:57 PM
To: McGartland, Al
Subject: RE: CO2-CH4 Question

Alex and I also previously talked about it,

Ex 5

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: McGartland, Al
Sent: Tuesday, April 07, 2015 4:54 PM
To: Marten, Alex
Subject: RE: CO2-CH4 Question

I'm kicking myself, because I think Joel brought this up in the context of

Ex 5

Ex 5

From: Marten, Alex
Sent: Tuesday, April 07, 2015 4:49 PM
To: McGartland, Al
Subject: CO2-CH4 Question

Hi Al,

An interesting question has come up

Ex 5

Ex 5

Ex 5

Ex 5

Ex 5

Thanks.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

To: Shouse, Kate[Shouse.Kate@epa.gov]; Sarofim, Marcus[Sarofim.Marcus@epa.gov]
Cc: Fawcett, Allen[Fawcett.Allen@epa.gov]
From: Marten, Alex
Sent: Wed 4/1/2015 2:49:17 AM
Subject: Re: Budge QFRs

I think your text is a good response. There seems to be a lack of understanding here and I think your response doesresponse job of addressing the misunderstanding.

--

Alex Marten
marten.alex@epa.gov

From: Shouse, Kate
Sent: Tuesday, March 31, 2015 10:02:40 PM
To: Sarofim, Marcus; Marten, Alex
Cc: Fawcett, Allen
Subject: Fwd: Budge QFRs

Hi, Marcus and Alex. Just got a request tonight to respond to a QFR about climate benefits in the CPP (specifically, how can we monetize the CO2 benefits if we're unable to quantify the CO2 impacts). I've pulled some language from a QFR drafted last December and also pulled from the CPP communications/talking points sheets. Could you take a look and let me know if you have any comments/concerns (attached, my edits are in redline). Worth noting that we've received this comment via public comments on the CPP also. Kristina said they need these responses ASAP but did not specify a deadline; I'll ask how much time we have.

Thanks,
Kate

On Tue, Mar 31, 2015 at 9:08 PM, Shouse, Kate <Shouse.Kate@epa.gov> wrote:

Sent from my iPhone

Begin forwarded message:

From: "Friedman, Kristina" <Friedman.Kristina@epa.gov>
Date: March 31, 2015 at 7:47:58 PM EDT
To: "Shouse, Kate" <Shouse.Kate@epa.gov>, "Fawcett, Allen" <Fawcett.Allen@epa.gov>
Cc: "Kocchi, Suzanne" <Kocchi.Suzanne@epa.gov>
Subject: Budge QFRs

Hi,

We received QFRs from the House approps hearing and a section of them were on CPP and climate benefits. Could you review the below and let me know if you have any edits. The IO drafted a response based on previous QFRs and TPs, but asked us to include language on SCC benefits. Unfortunately, I need to send these back to OCFO as soon as we can, sorry for the last minute request.

Thanks,

Kristina

Jenkins Q13: The rule is intended to reduce CO2 emissions. EPA was unable to quantify any climate benefits from the rule. Why then is this rule necessary?

Jenkins Q14: If EPA could not quantify any climate benefits, how was it able to monetize benefits related to climate change?

Answer (Jenkins Q13-Q14): On June 2, 2014, the EPA, under President

Ex 5

Kristina Friedman

Office of Atmospheric Programs

U.S. Environmental Protection Agency

Phone: (202) 343-9281

To: Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Shouse, Kate[Shouse.Kate@epa.gov]
Cc: Fawcett, Allen[Fawcett.Allen@epa.gov]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Tue 3/31/2015 1:44:56 PM
Subject: RE: SCC RtC revised draft

OK Thanks.

Ex 5

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Sarofim, Marcus
Sent: Tuesday, March 31, 2015 9:42 AM
To: Marten, Alex; Shouse, Kate
Cc: Fawcett, Allen
Subject: RE: SCC RtC revised draft

Ex 5

-Marcus

Ex 5

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Marten, Alex
Sent: Tuesday, March 31, 2015 9:30 AM
To: Shouse, Kate
Cc: Sarofim, Marcus; Fawcett, Allen
Subject: RE: SCC RtC revised draft

Marcus,

Ex 5

if needed, suggest any further edits?

Thanks.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Monday, March 30, 2015 4:12 PM
To: Marten, Alex
Cc: Sarofim, Marcus; Fawcett, Allen
Subject: FW: SCC RtC revised draft

Hi, Alex. Please see attached for comments from Marcus and from me. All of the OAP comment bubbles are marked in my name (I've noted those that came from Marcus), i.e., none of the OAP comment bubbles are marked anonymous. Several of the edits I made are still in the anonymous redline but I either flagged them with yellow highlighting or noted them with a comment bubble when the highlighter doesn't work.

Ex 5

Please let us know if we can help with anything else on these comments. Thanks,
Kate

From: Sarofim, Marcus
Sent: Monday, March 30, 2015 2:16 PM
To: Shouse, Kate; Marten, Alex
Subject: RE: SCC RtC revised draft

Hi Kate,

Ex 5

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993

WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Shouse, Kate
Sent: Monday, March 30, 2015 8:27 AM
To: Marten, Alex; Sarofim, Marcus
Subject: Fwd: SCC RtC revised draft

Hi Alex, I went through the RTC comments but need to fill in a couple of things this am (including the cites to rules that used GWP weighted estimates). I checking with Allen to see if he'll weigh in.

Marcus, there are a couple of edits to the climate science section that you may want to review. Sounds like we'll want to get this back to Eop by cob today but Alex pls let us know if there's a different deadline. Thanks!

Sent from my iPhone

Begin forwarded message:

From: Kate Cardamone Shouse {Personal cell/email}
Date: March 29, 2015 at 5:14:41 PM EDT
To: "Shouse, Kate" <Shouse.Kate@epa.gov>
Subject: Re: SCC RtC revised draft

On Sat, Mar 28, 2015 at 1:39 PM, Shouse, Kate <Shouse.Kate@epa.gov> wrote:

Sent from my iPhone

Begin forwarded message:

From: "Barron, Alex" <Barron.Alex@epa.gov>
Date: March 28, 2015 at 10:40:46 AM EDT
To: "Shouse, Kate" <Shouse.Kate@epa.gov>
Cc: "Fawcett, Allen" <Fawcett.Allen@epa.gov>, "Marten, Alex"

<Marten.Alex@epa.gov>, "McGartland, Al" <McGartland.Al@epa.gov>,
"Beauvais, Joel" <Beauvais.Joel@epa.gov>
Subject: Fwd: SCC RtC revised draft

Sent from my iPhone

Begin forwarded message:

From: "Laity, Jim" [EOP email/phone]
Date: March 27, 2015 at 8:01:15 PM EDT
To: "Linn, Joshua" [EOP email/phone] "Marten, Alex"
<Marten.Alex@epa.gov>, "Barron, Alex (Barron.Alex@epa.gov)"
<Barron.Alex@epa.gov>, "Duke, Rick" [EOP email/phone]
Subject: SCC RtC revised draft

Josh, In the interest of time I am sending this to you, Rick, and EPA simultaneously.

Ex 5

I will be out Monday, but can address any questions when I return. Jim

To: Shouse, Kate[Shouse.Kate@epa.gov]
Cc: Sarofim, Marcus[Sarofim.Marcus@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Tue 3/31/2015 1:30:16 PM
Subject: RE: SCC RtC revised draft

Marcus,

Ex 5

if needed, suggest any further edits?

Thanks.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Shouse, Kate
Sent: Monday, March 30, 2015 4:12 PM
To: Marten, Alex
Cc: Sarofim, Marcus; Fawcett, Allen
Subject: FW: SCC RtC revised draft

Hi, Alex. Please see attached for comments from Marcus and from me. All of the OAP comment bubbles are marked in my name (I've noted those that came from Marcus), i.e., none of the OAP comment bubbles are marked anonymous. Several of the edits I made are still in the anonymous redline but I either flagged them with yellow highlighting or noted them with a comment bubble when the highlighter doesn't work.

Ex 5

Please let us know if we can help with anything else on these comments. Thanks,
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Sent: Monday, March 30, 2015 2:16 PM
To: Shouse, Kate; Marten, Alex
Subject: RE: SCC RtC revised draft

Hi Kate,

Ex 5

-Marcus

Marcus C. Sarofim, PhD
phone: 202-343-9993
WJC East 4410M
Environmental Scientist
Climate Science & Impacts Branch

From: Shouse, Kate
Sent: Monday, March 30, 2015 8:27 AM
To: Marten, Alex; Sarofim, Marcus
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Hi Alex, I went through the RTC comments but need to fill in a couple of things this am (including the cites to rules that used GWP weighted estimates). I checking with Allen to see if he'll weigh in.

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different deadline. Thanks!

Sent from my iPhone

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Date: March 29, 2015 at 5:14:41 PM EDT

To: "Shouse, Kate" <Shouse.Kate@epa.gov>

Subject: Re: SCC RtC revised draft

On Sat, Mar 28, 2015 at 1:39 PM, Shouse, Kate <Shouse.Kate@epa.gov> wrote:

Sent from my iPhone

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From: "Barron, Alex" <Barron.Alex@epa.gov>

Date: March 28, 2015 at 10:40:46 AM EDT

To: "Shouse, Kate" <Shouse.Kate@epa.gov>

Cc: "Fawcett, Allen" <Fawcett.Allen@epa.gov>, "Marten, Alex" <Marten.Alex@epa.gov>, "McGartland, Al" <McGartland.Al@epa.gov>, "Beauvais, Joel" <Beauvais.Joel@epa.gov>

Subject: Fwd: SCC RtC revised draft

Sent from my iPhone

Begin forwarded message:

From: "Laity, Jim" { **EOP email/phone** }

Date: March 27, 2015 at 8:01:15 PM EDT

To: "Linn, Joshua" { **EOP email/phone** }, "Marten, Alex" <Marten.Alex@epa.gov>, "Barron, Alex (Barron.Alex@epa.gov)" <Barron.Alex@epa.gov>, "Duke, Rick" { **EOP email/phone** }

Subject: SCC RtC revised draft

Josh, In the interest of time I am sending this to you, Rick, and EPA simultaneously.

Ex 5

I will be out Monday, but can address any questions when I return. Jim

To: Linn, Joshua [EOP email/phone]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Thur 3/12/2015 1:15:42 PM
Subject: RE: NRC Board Comments

It looks like people's calendars are free between 2 and 4 on Tuesday afternoon. Does that work?

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua [EOP email/phone]
Sent: Thursday, March 12, 2015 9:12 AM
To: Marten, Alex
Subject: RE: NRC Board Comments

Alex, how about early next week, Monday or Tuesday mid/late afternoon?

From: Marten, Alex [mailto:Marten.Alex@epa.gov]
Sent: Wednesday, March 11, 2015 3:02 PM
To: Linn, Joshua; Laity, Jim
Subject: RE: NRC Board Comments

Thanks for sending these along.

From our end Friday afternoon looks good, with a weak preference for before 3:00pm.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua EOP email/phone
Sent: Wednesday, March 11, 2015 11:14 AM
To: Laity, Jim; Mancini, Dominic J.; Duke, Rick; Barron, Alex; Fawcett, Allen; Marten, Alex; McGartland, Al; Shouse, Kate; Hodson, Elke (FELLOW)
Subject: NRC Board Comments

Ex 5

Josh

Ex 5

Ex 5

Thanks

Mary Ellen

To: Linn, Joshua[EOP email/phone] Laity, Jim[EOP email/phone]
Bcc: alex.marten.work@gmail.com[alex.marten.work@gmail.com]
From: Marten, Alex
Sent: Wed 3/11/2015 7:02:11 PM
Subject: RE: NRC Board Comments

Thanks for sending these along.

From our end Friday afternoon looks good, with a weak preference for before 3:00pm.

--

Alex L. Marten
phone: (202) 566-2301
email: marten.alex@epa.gov

From: Linn, Joshua[EOP email/phone]
Sent: Wednesday, March 11, 2015 11:14 AM
To: Laity, Jim; Mancini, Dominic J.; Duke, Rick; Barron, Alex; Fawcett, Allen; Marten, Alex; McGartland, Al; Shouse, Kate; Hodson, Elke (FELLOW)
Subject: NRC Board Comments

Ex 5

Ex 5

Josh

Ex 5

Ex 5